OIPE

CRF Errors Corrected by the STIC Systems Branch

ENTERED

Serial Number: 09/884,870 CRF Processing Date: 7/24/2001

Edited by:

Verified by: (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:

  _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

  _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

  _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

  _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: , ,

  _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:

  _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:

  _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:

  _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other:

  _____

  _____

  _____

  _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#2

RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:54

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

```
 4 <110> APPLICANT: Glucksmann, Maria A.
 5       Kadambi, Vivek
 7 <120> TITLE OF INVENTION: 33358, A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF
10 <130> FILE REFERENCE: MNI-162CP
12 <140> CURRENT APPLICATION NUMBER: US/09/884,870
12 <141> CURRENT FILING DATE: 2001-06-18
12 <150> PRIOR APPLICATION NUMBER: 60/212,222
13 <151> PRIOR FILING DATE: 2000-06-16
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1538
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (75)...(1046)
28 <400> SEQUENCE: 1
29 gcgtccgcgg acgcgtgggt tataactcag tgaaatttta cagtcctagg accctataca 60
30 gagcataagc caaa atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac   110
31                 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn
32                  1               5                  10
34 att ttt att aca atg ttt gct acg ttt ttt ttc ttt aag ctt tta att   158
35 Ile Phe Ile Thr Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile
36          15                  20                  25
38 aaa gtt ttt ttg gct ctc cta acc cat ttc tat atc gtc aaa gga aat   206
39 Lys Val Phe Leu Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn
40      30                  35                  40
42 aga aaa gaa gcg gct agg ata gca gaa gag atc tat ggt gga att tca   254
43 Arg Lys Glu Ala Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser
44  45                  50                  55                  60
46 gat tgc tgg gct gat cga tcc cca ctt cat gaa gct gca gct cag ggg   302
47 Asp Cys Trp Ala Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly
48                  65                  70                  75
50 cgc tta ctg gcc ctt aaa act tta att gca caa ggt gtc aat gtg aac   350
51 Arg Leu Leu Ala Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn
52              80                  85                  90
54 ctt gtg aca att aac cgg gtg tct tct ctc cac gag gca tgc ctt gga   398
55 Leu Val Thr Ile Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly
56          95                  100                 105
58 ggt cac gtg gcc tgt gcc aaa gcc tta ttg gaa aat ggt gca cac gtc   446
59 Gly His Val Ala Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val
60      110                 115                 120
62 aat gga gtg aca gtt cac gga gcc aca ccc ctc ttc aat gct tgc tgc   494
63 Asn Gly Val Thr Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys
64 125                 130                 135                 140
66 agc ggc agt gct gca tgt gtc aat gtg ctg ctg gag ttc gga gcc aag   542
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RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:55

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

```
67 Ser Gly Ser Ala Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys
68                 145                 150                 155
70 gcc cag ttg gag gtg cac ctg gcc tcg ccc atc cat gag gca gtg aag   590
71 Ala Gln Leu Glu Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys
72             160                 165                 170
74 aga ggt cac aga gag tgc atg gag atc ctg ctg gca aat aat gtt aac   638
75 Arg Gly His Arg Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn
76         175                 180                 185
78 att gac cat gag gtg cct cag ctc gga act ccc cta tat gtg gcc tgc   686
79 Ile Asp His Glu Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys
80     190                 195                 200
82 acc tac cag agg gta gac tgt gtg aag aaa ctt cta gaa tta gga gcc   734
83 Thr Tyr Gln Arg Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala
84 205                 210                 215                 220
86 agt gtc gac cat ggc cag tgg ctg gac acc cca ctc cat gct gca gcg   782
87 Ser Val Asp His Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala
88                 225                 230                 235
90 agg cag tcc aat gtg gag gtc atc cac ctg cta acc gac tat gga gct   830
91 Arg Gln Ser Asn Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala
92             240                 245                 250
94 aac ctg aag cgt aga aat gct cag ggc aaa agt gcg ctt gat ctg gcg   878
95 Asn Leu Lys Arg Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala
96         255                 260                 265
98 gct cca aaa agc agc gtg gag cag gca ctc ttg ctc cgt gaa ggc cca   926
99 Ala Pro Lys Ser Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro
100     270                 275                 280
102 cct gct ctt tcc cag ctc tgc cgc ctg tgt gtc cgg aag tgt ctc ggt   974
103 Pro Ala Leu Ser Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly
104 285                 290                 295                 300
106 cga gca tgt cat caa gcc atc cac aag cta cat ctg cca gag cca ctc   1022
107 Arg Ala Cys His Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu
108                 305                 310                 315
110 gaa cga ttc ctc cta tac caa tag tcctaagtgt tcctgggaag atacttggaa  1076
111 Glu Arg Phe Leu Leu Tyr Gln  *
112             320
114 tgacacagat tgttgtctgc tgtacctaga gtacctaatg tagaagctca acagcttaga 1136
115 ctcctagtat ctttaaatga gmtcagtcga agtaaatccc ccatgagcta gaacacttga 1196
116 ggagtggraa ctcctggtta gtttaatgtt ctcattaacc aaggggcaag tagaaaccat 1256
117 ttagctttta gctctttgtt gttaagaaac ttaaaagaac tgtgaagtag agtgaaaaca 1316
118 ataggctgtt ttttgatgat tcgggatctt cttgtaccta aaagtcaaca ttctgaatat 1376
119 tgtatagaca catataaatt caggtggata agattataac aaatgttagg tattccaaga 1436
120 tatgttcttg atttagttcc ttccttcagc ccttccccac ttttttttctt tctttccttg 1496
121 aataaatctg gtataatttt gaaaaaaaaa aaaaaaaaaa aa                    1538
123 <210> SEQ ID NO: 2
124 <211> LENGTH: 323
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 2
129 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn Ile Phe Ile Thr
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RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:55

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

```
130  1               5                  10                  15
131 Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile Lys Val Phe Leu
132             20                  25                  30
133 Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn Arg Lys Glu Ala
134         35                  40                  45
135 Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser Asp Cys Trp Ala
136     50                  55                  60
137 Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly Arg Leu Leu Ala
138 65                  70                  75                  80
139 Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn Leu Val Thr Ile
140                 85                  90                  95
141 Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly Gly His Val Ala
142             100                 105                 110
143 Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val Asn Gly Val Thr
144         115                 120                 125
145 Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys Ser Gly Ser Ala
146     130                 135                 140
147 Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys Ala Gln Leu Glu
148 145                 150                 155                 160
149 Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys Arg Gly His Arg
150                 165                 170                 175
151 Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn Ile Asp His Glu
152             180                 185                 190
153 Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys Thr Tyr Gln Arg
154         195                 200                 205
155 Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala Ser Val Asp His
156     210                 215                 220
157 Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala Arg Gln Ser Asn
158 225                 230                 235                 240
159 Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala Asn Leu Lys Arg
160                 245                 250                 255
161 Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala Ala Pro Lys Ser
162             260                 265                 270
163 Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro Pro Ala Leu Ser
164         275                 280                 285
165 Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly Arg Ala Cys His
166     290                 295                 300
167 Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu Glu Arg Phe Leu
168 305                 310                 315                 320
169 Leu Tyr Gln
173 <210> SEQ ID NO: 3
174 <211> LENGTH: 972
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <220> FEATURE:
179 <221> NAME/KEY: CDS
180 <222> LOCATION: (1)...(972)
182 <400> SEQUENCE: 3
183 atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac att ttt att aca   48
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RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:55

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

```
184 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn Ile Phe Ile Thr
185  1               5                  10                  15
187 atg ttt gct acg ttt ttt ttc ttt aag ctt tta att aaa gtt ttt ttg   96
188 Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile Lys Val Phe Leu
189              20                  25                  30
191 gct ctc cta acc cat ttc tat atc gtc aaa gga aat aga aaa gaa gcg   144
192 Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn Arg Lys Glu Ala
193          35                  40                  45
195 gct agg ata gca gaa gag atc tat ggt gga att tca gat tgc tgg gct   192
196 Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser Asp Cys Trp Ala
197      50                  55                  60
199 gat cga tcc cca ctt cat gaa gct gca gct cag ggg cgc tta ctg gcc   240
200 Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly Arg Leu Leu Ala
201  65                  70                  75                  80
203 ctt aaa act tta att gca caa ggt gtc aat gtg aac ctt gtg aca att   288
204 Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn Leu Val Thr Ile
205                 85                  90                  95
207 aac cgg gtg tct tct ctc cac gag gca tgc ctt gga ggt cac gtg gcc   336
208 Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly Gly His Val Ala
209             100                 105                 110
211 tgt gcc aaa gcc tta ttg gaa aat ggt gca cac gtc aat gga gtg aca   384
212 Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val Asn Gly Val Thr
213         115                 120                 125
215 gtt cac gga gcc aca ccc ctc ttc aat gct tgc tgc agc ggc agt gct   432
216 Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys Ser Gly Ser Ala
217     130                 135                 140
219 gca tgt gtc aat gtg ctg ctg gag ttc gga gcc aag gcc cag ttg gag   480
220 Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys Ala Gln Leu Glu
221 145                 150                 155                 160
223 gtg cac ctg gcc tcg ccc atc cat gag gca gtg aag aga ggt cac aga   528
224 Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys Arg Gly His Arg
225                 165                 170                 175
227 gag tgc atg gag atc ctg ctg gca aat aat gtt aac att gac cat gag   576
228 Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn Ile Asp His Glu
229             180                 185                 190
231 gtg cct cag ctc gga act ccc cta tat gtg gcc tgc acc tac cag agg   624
232 Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys Thr Tyr Gln Arg
233         195                 200                 205
235 gta gac tgt gtg aag aaa ctt cta gaa tta gga gcc agt gtc gac cat   672
236 Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala Ser Val Asp His
237     210                 215                 220
239 ggc cag tgg ctg gac acc cca ctc cat gct gca gcg agg cag tcc aat   720
240 Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala Arg Gln Ser Asn
241 225                 230                 235                 240
243 gtg gag gtc atc cac ctg cta acc gac tat gga gct aac ctg aag cgt   768
244 Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala Asn Leu Lys Arg
245                 245                 250                 255
247 aga aat gct cag ggc aaa agt gcg ctt gat ctg gcg gct cca aaa agc   816
248 Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala Ala Pro Lys Ser
```

RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:55

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

```
249             260                 265                 270
251 agc gtg gag cag gca ctc ttg ctc cgt gaa ggc cca cct gct ctt tcc   864
252 Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro Pro Ala Leu Ser
253         275                 280                 285
255 cag ctc tgc cgc ctg tgt gtc cgg aag tgt ctc ggt cga gca tgt cat   912
256 Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly Arg Ala Cys His
257     290                 295                 300
259 caa gcc atc cac aag cta cat ctg cca gag cca ctc gaa cga ttc ctc   960
260 Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu Glu Arg Phe Leu
261 305                 310                 315                 320
263 cta tac caa tag                                               972
264 Leu Tyr Gln  *
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VERIFICATION SUMMARY DATE: 07/24/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:20:56

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242001\I884870.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING DATE: 07/05/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:36:47

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\07032001\I884870.raw

Does Not Comply
Corrected Diskette Needed

```
      4 <110> APPLICANT: Glucksmann, Maria A.
      5       Kadambi, Vivek
      7 <120> TITLE OF INVENTION: 33358, A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF
     10 <130> FILE REFERENCE: MNI-162CP
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/884,870
C--> 12 <141> CURRENT FILING DATE: 2001-06-18
     12 <150> PRIOR APPLICATION NUMBER: 60/212,222
     13 <151> PRIOR FILING DATE: 2000-06-16
     15 <160> NUMBER OF SEQ ID NOS: 3
     17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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ERRORED SEQUENCES

```
    173 <210> SEQ ID NO: 3
    174 <211> LENGTH: 972
    175 <212> TYPE: DNA
    176 <213> ORGANISM: Homo sapiens
    178 <220> FEATURE:
    179 <221> NAME/KEY: CDS
    180 <222> LOCATION: (1)...(972)
    182 <400> SEQUENCE: 3
    183 atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac att ttt att aca   48
    184 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn Ile Phe Ile Thr
    185  1               5                  10                  15
    187 atg ttt gct acg ttt ttt ttc ttt aag ctt tta att aaa gtt ttt ttg   96
    188 Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile Lys Val Phe Leu
    189             20                  25                  30
    191 gct ctc cta acc cat ttc tat atc gtc aaa gga aat aga aaa gaa gcg   144
    192 Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn Arg Lys Glu Ala
    193         35                  40                  45
    195 gct agg ata gca gaa gag atc tat ggt gga att tca gat tgc tgg gct   192
    196 Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser Asp Cys Trp Ala
    197     50                  55                  60
    199 gat cga tcc cca ctt cat gaa gct gca gct cag ggg cgc tta ctg gcc   240
    200 Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly Arg Leu Leu Ala
    201 65                  70                  75                  80
    203 ctt aaa act tta att gca caa ggt gtc aat gtg aac ctt gtg aca att   288
    204 Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn Leu Val Thr Ile
    205                 85                  90                  95
    207 aac cgg gtg tct tct ctc cac gag gca tgc ctt gga ggt cac gtg gcc   336
    208 Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly Gly His Val Ala
    209             100                 105                 110
    211 tgt gcc aaa gcc tta ttg gaa aat ggt gca cac gtc aat gga gtg aca   384
    212 Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val Asn Gly Val Thr
    213         115                 120                 125
    215 gtt cac gga gcc aca ccc ctc ttc aat gct tgc tgc agc ggc agt gct   432
```

RAW SEQUENCE LISTING DATE: 07/05/2001
PATENT APPLICATION: US/09/884,870 TIME: 16:36:47

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\07032001\I884870.raw

```
216 Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys Ser Gly Ser Ala
217     130                 135                 140
219 gca tgt gtc aat gtg ctg ctg gag ttc gga gcc aag gcc cag ttg gag   480
220 Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys Ala Gln Leu Glu
221 145                 150                 155                 160
223 gtg cac ctg gcc tcg ccc atc cat gag gca gtg aag aga ggt cac aga   528
224 Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys Arg Gly His Arg
225                 165                 170                 175
227 gag tgc atg gag atc ctg ctg gca aat aat gtt aac att gac cat gag   576
228 Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn Ile Asp His Glu
229             180                 185                 190
231 gtg cct cag ctc gga act ccc cta tat gtg gcc tgc acc tac cag agg   624
232 Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys Thr Tyr Gln Arg
233         195                 200                 205
235 gta gac tgt gtg aag aaa ctt cta gaa tta gga gcc agt gtc gac cat   672
236 Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala Ser Val Asp His
237     210                 215                 220
239 ggc cag tgg ctg gac acc cca ctc cat gct gca gcg agg cag tcc aat   720
240 Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala Arg Gln Ser Asn
241 225                 230                 235                 240
243 gtg gag gtc atc cac ctg cta acc gac tat gga gct aac ctg aag cgt   768
244 Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala Asn Leu Lys Arg
245                 245                 250                 255
247 aga aat gct cag ggc aaa agt gcg ctt gat ctg gcg gct cca aaa agc   816
248 Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala Ala Pro Lys Ser
249             260                 265                 270
251 agc gtg gag cag gca ctc ttg ctc cgt gaa ggc cca cct gct ctt tcc   864
252 Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro Pro Ala Leu Ser
253         275                 280                 285
255 cag ctc tgc cgc ctg tgt gtc cgg aag tgt ctc ggt cga gca tgt cat   912
256 Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly Arg Ala Cys His
257     290                 295                 300
259 caa gcc atc cac aag cta cat ctg cca gag cca ctc gaa cga ttc ctc   960
260 Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu Glu Arg Phe Leu
261 305                 310                 315                 320
263 cta tac caa tag                                             972
264 Leu Tyr Gln  *
E--> 267 mnI-162cP 3
E--> 269 mnI-162cP 5
```

VERIFICATION SUMMARY DATE: 07/05/2001
PATENT APPLICATION: **US/09/884,870** TIME: 16:36:48

Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF3\07032001\I884870.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:267 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:267 M:254 E: No. of Bases conflict, LENGTH:Input:3 Counted:978 SEQ:3
L:267 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
L:267 M:112 C: (48) String data converted to lower case,
L:269 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
M:254 Repeated in SeqNo=3
L:269 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
M:112 Repeated in SeqNo=3
L:269 M:252 E: No. of Seq. differs, <211>LENGTH:Input:972 Found:984 SEQ:3